

PROFESSIONAL SUMMARY

Business Intelligence professional with 7+ years driving insight generation, scalable data solutions, and KPI frameworks across startups, research, and enterprise settings. Skilled in advanced SQL, dimensional modeling, and BI automation that reduced reporting latency by up to 40% and supported \$2.5M+ projected revenue. Experienced with big-data systems handling billions of rows across multi-team operations, translating complex datasets into executive-ready insights that improved growth (6×) and profit margins (8%→30%)

SKILLS

Data, Platforms & Modeling: Advanced SQL (window functions, CTEs, performance tuning), dimensional modeling (star/snowflake), semantic layer (LookML/dbt metrics), data quality rules, Snowflake, BigQuery, Redshift, Azure Synapse, Azure Data Factory (ADF), dbt, Airflow, AWS Glue, ETL/ELT automation, Git
BI, Excel & Visualization: Power BI (DAX, OLAP, drill-downs), Tableau, Looker/LookML, QuickSight, dashboard optimization & storytelling, Excel (Pivot Tables, XLOOKUP/VLOOKUP, Power Query, Power Pivot, Macros/VBA)
Analytics, Metrics & Delivery: Python (Pandas, NumPy, scikit-learn), forecasting, segmentation/clustering, time-series, anomaly detection, A/B testing, SHAP explainability, KPI design & governance, stakeholder communication, BRD/FRD, Agile (SCRUM), data contracts, documentation & enablement

PROFESSIONAL EXPERIENCE

Coltie Inc, Iowa USA Present
Business Intelligence Manager & Marketing Strategy

- Defined operational KPIs, build Power BI suites for reach, redemption, and partner growth that standardize executive decision rhythms
- Integrated customer behavior and KPI trends into case-study dashboards for partner acquisition, increasing conversion quality
- Owned ROI analysis and BI governance, ensuring consistent metrics across teams and reports

Pappajohn Center for Entrepreneurship, Iowa USA January 2025 – May 2025
Business Intelligence Analyst

- Built OLAP model and Power BI dashboards, delivered SQL segmentation that improved onboarding by 15%
- Automated refresh pipelines using Azure Data Factory, cutting manual reporting by 40% and reducing dashboard latency
- Automated monthly **Excel** models with Power Query and VBA, improving auditability and reducing analyst effort by 6+ hours per cycle

Translational AI Centre, Iowa USA August 2024 - December 2024
Business Intelligence Analyst

- Integrated Azure ML outputs into Power BI for real-time traffic analytics, enabling drill-through from KPIs to route-level signals
- Orchestrated multi-source telemetry and behavior data pipelines, shifting from descriptive to predictive routing insights

College of Agriculture and Life Sciences, Iowa USA January 2024 - July 2024
Data Analyst

- Trained Random Forest and XGBoost on 5 hybrids covering 1,151 crop combinations (millions of rows), achieving 81% F1 and building Power BI visuals for agronomic decisions
- Ran ANOVA to compare yields across crops and treatments, identifying the best corn and grass combination and summarizing the result in an easy-to-use dashboard

Flotanomers R&D Private Limited, India July 2018 – December 2023
Data Analyst & Founder

- Orchestrated big-data analytics across billions of rows spanning 10 teams and 2+ years, delivering monthly insights that improved decision speed and reduced re-work
- Designed SHAP-powered flight-risk dashboards in Power BI, optimizing UAV route planning and reducing idle time
- Led GIS reporting over 12,000+ sq km with spatial joins and automated QC, enabling large-scale field execution
- Instituted company-wide KPI review cadence that supported 6× growth and improved margins from 8% to 30%

Bohrinvento LLP, India. July 2017 - June 2018
Business System Analyst

- Delivered 10+ cloud-native solutions with SQL + Power BI for education/logistics clients
- Directed Agile (JIRA) delivery, improved release velocity by 35%, implemented stakeholder-driven dashboards
- Built modular ETL pipelines across multiple client systems, improving reporting accuracy, reliability, and downstream decisions

EDUCATION

Iowa State University, Ames, IA May 2025
Master of Business Analytics

Visvesvaraya Technological University, India June 2017
Bachelor of Civil Engineering

PROJECTS & CERTIFICATIONS

- Economic Impact Dashboard: OLAP + Power BI model forecasting job growth & revenue from startup initiatives
- Predictive Routing BI: Real-time analytics dashboard integrating AI predictions into traffic insights
- Certifications : Google Business Intelligence | Google Advanced Data Analytics | Google Data Analytics